

L Numb r	Hits	S arch T xt	DB	Tim stamp
-	1	("5404042").PN.	USPAT;	2002/05/01
-	1	("6300664").PN.	US-P PUB	09:20
-	1	("5278441").PN.	USPAT;	2002/05/02
-	1	("5290714").PN.	US-PGPUB	12:17
-	1	("6087891").PN.	USPAT;	2002/05/02
-	1	("6198330").PN.	US-PGPUB	12:00
-	1	("5227654").PN.	USPAT;	2002/05/02
-	1	("5963409").PN.	US-PGPUB	12:00
-	1	("5278436").PN.	USPAT;	2002/05/02
-	1	("5290728").PN.	US-PGPUB	12:00
-	15	("4755865" "4774197" "4806498" "4868619" "4888246" "4897368" "5027185" "5103272" "5134447" "5189504" "5237188" "5237196" "5311040" "5514902" "5554871").PN.	USPAT;	2002/05/02
-	15	("4755865" "4774197" "4806498" "4868619" "4888246" "4897368" "5027185" "5103272" "5134447" "5189504" "5237188" "5237196" "5311040" "5514902" "5554871").PN.	USPAT	12:02
-	21	emitter and @py<2001 and (tunneling adj layer or tiox or taox or taaloxy or taalo or aloxny) and (cathode or platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium)	USPAT;	2002/05/01
-	0	5825049.URPN.	US-PGPUB	13:08
-	0	5825049.URPN.	USPAT	2002/05/02
-	0	5825049.URPN.	USPAT	12:30
-	1	emitter and @py<2001 and emission and tunneling and (tio or tao or taalo or taalo or alo) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium)	USPAT;	2002/05/02
-	4	chen-zhizhang.in.	US-PGPUB	12:48
-	1	r gan-micha l.in.	USPAT;	2002/05/02
-	0	bolf-brian.in.	US-PGPUB	12:50
-	0	nov t-th mas.in.	USPAT;	2002/05/02
-	0	nov t-th mas.in.	US-PGPUB	12:50

-	203	257/10.ccls. and @py<2001	USPAT; US-P PUB	2002/05/02 12:57
-	1	("5814832").PN.	USPAT; US-P PUB	2002/05/02 12:55
-	1	("6008576").PN.	USPAT; US-PGPUB	2002/05/02 12:56
-	1	("6096570").PN.	USPAT; US-PGPUB	2002/05/02 12:56
-	1	("5559342").PN.	USPAT; US-PGPUB	2002/05/02 12:56
-	21	257/10.ccls. and @py<2001 and emission and tunneling and cathode	USPAT; US-PGPUB	2002/05/02 13:10
-	9514	6008576.pn. and tunneling or (tio or tao or wsin or taalo or alo)	USPAT; US-PGPUB	2002/05/02 13:12
-	0	6008576.pn. and tunneling and (tio or tao or wsin or taalo or alo)	USPAT; US-PGPUB	2002/05/02 13:12
-	0	6008576.pn. and tunneling	USPAT; US-PGPUB	2002/05/02 13:13
-	0	6008576.pn. and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride)	USPAT; US-PGPUB	2002/05/02 13:35
-	7	tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and emitter and @py<2001 and emission	USPAT; US-PGPUB	2002/05/01 11:32
-	2	tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and emitter and @py<2001 and 257/\$.ccls.	USPAT; US-PGPUB	2002/05/02 13:29
-	0	6096570.pn. and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride)	USPAT; US-PGPUB	2002/05/02 13:35
-	0	5814832.pn. and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide r tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide r aluminum adj oxynitrid)	USPAT; US-PGPUB	2002/05/02 13:36

-	0	559342.pn. and (tungsten adj silicon adj nitrat r tantalum adj xid r titanium adj oxid r tantalum adj aluminum adj xynitrid or tantalum adj aluminum adj xid r aluminum adj xynitrid)	USPAT; US-PGPUB	2002/05/02 13:36
-	0	tunn ling and (tungst n adj silic n adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and emitter and @py<2001 and emission	EP ; JPO	2002/05/02 14:22
-	0	tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and emitter and emission	EPO; JPO	2002/05/02 14:28
-	8	tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and field adj emission	USPAT; US-PGPUB	2002/05/02 15:43
-	1	257/10.ccls. and anode same storage and @py<2001	USPAT; US-PGPUB	2002/05/02 15:55
-	6	5530262.URPN.	USPAT	2002/05/02 15:46
-	2	anode same storage and @py<2001 and field adj emission and amplifier and display	USPAT; US-PGPUB	2002/05/02 15:51
-	128	257/\$.ccls. and anode same storage and @py<2001	USPAT; US-PGPUB	2002/05/02 15:55
-	1	257/\$.ccls. and anode same storage and @py<2001 and field adj emission	USPAT; US-PGPUB	2002/05/02 15:56
-	1	6034479.pn. and phosphors and (storage or memory)	USPAT; US-PGPUB	2002/05/01 09:45
-	4194	anode near "3" (storage or memory or recording adj medium) and @py<2001 and field adj emission	USPAT; US-PGPUB	2002/05/01 09:48
-	784013	an d n ar "3" st rage r mem ry r r c rding adj m dium and @py<2001 and fi ld adj missi n	USPAT; US-PGPUB	2002/05/01 09:50
-	10	anod n ar3 (st rag or m mory r r c rding adj medium) and @py<2001 and fi ld adj emissi n	USPAT; US-PGPUB	2002/05/01 09:54

-	82	an d sam (storag or m mory or recording adj medium) and @py<2001 and fi ld adj missi n	USPAT; US-P PUB	2002/05/01 11:24
-	131	257/20.ccls. and @py<2001	USPAT; US-P PUB	2002/05/01 11:29
-	165	257/24.ccls. and @py<2001	USPAT; US-PGPUB	2002/05/01 11:25
-	46	257/27.ccls. and @py<2001	USPAT; US-PGPUB	2002/05/01 11:25
-	0	(257/20.ccls. and @py<2001) and (257/24.ccls. and @py<2001) and (257/27.ccls. and @py<2001) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and tunneling and emission adj current	USPAT; US-PGPUB	2002/05/01 11:29
-	0	(257/20.ccls. and @py<2001) and (257/24.ccls. and @py<2001) and (257/27.ccls. and @py<2001) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and tunneling	USPAT; US-PGPUB	2002/05/01 11:28
-	9	(257/20.ccls. and @py<2001) and (257/24.ccls. and @py<2001) and (257/27.ccls. and @py<2001)	USPAT; US-PGPUB	2002/05/01 11:28
-	0	(257/20.ccls. and @py<2001) and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and tunneling and emission adj current	USPAT; US-PGPUB	2002/05/01 11:30
-	0	257/20.ccls. and cathode and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and tunneling and @py<2000	USPAT; US-PGPUB	2002/05/01 11:34
-	0	257/20.ccls. and tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and @py<2001 and emission	USPAT; US-PGPUB	2002/05/01 11:33
-	0	257/20.ccls. and tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and @py<2001	USPAT; US-PGPUB	2002/05/01 11:42
-	4	257/24.ccls. and cathode and (platinum or gold or molybdenum or tantalum or iridium r ruth nium or chromium) and tunneling and @py<2000	USPAT; US-PGPUB	2002/05/01 11:36
-	10	257/10-11.ccls. and cath de and (platinum or g ld or molybdenum or tantalum or iridium or ruth nium r chromium) and tunneling and @py<2001	USPAT; US-PGPUB	2002/05/01 14:38

-	0	257/10-11.ccls. and tunneling and (tungst n adj silicon adj nitrat or tantalum adj xide r titanium adj oxid or tantalum adj aluminum adj xynitride r tantalum adj aluminum adj xid or aluminum adj xynitrid) and @py<2001	USPAT; US-P PUB	2002/05/01 11:43
-	0	257/10-11.ccls. and tunneling same (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and @py<2001	USPAT; US-PGPUB	2002/05/01 11:45
-	0	257/10-11.ccls. and tunneling and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and @py<2001	USPAT; US-PGPUB	2002/05/01 14:38
-	0	flat adj field adj emission adj emitters and @py<2000	USPAT; US-PGPUB	2002/05/01 12:02
-	22	hewlett adj packard.as. and field adj emission	USPAT; US-PGPUB	2002/05/01 12:07
-	1	("6023124").PN.	USPAT; US-PGPUB	2002/05/01 12:59
-	2	6023124.URPN.	USPAT	2002/05/01 12:50
-	10	("4005465" "5650795" "5659224" "5726524" "5729094" "5770918" "5857882" "5861227" "5894189" "5936257").PN.	USPAT	2002/05/01 12:59
-	0	257/10-11.ccls. and @py<2001 and cathode and tunneling adj layer	USPAT; US-PGPUB	2002/05/01 13:01
-	0	@py<2001 and cathode and tunneling adj layer and field adj emission adj device	USPAT; US-PGPUB	2002/05/01 14:09
-	0	emitter and @py<2001 and tunneling adj layer same thickness and field adj emission adj device	USPAT; US-PGPUB	2002/05/01 13:12
-	0	emitter and @py<2001 and tunneling adj layer same thickness and field adj emission	USPAT; US-PGPUB	2002/05/01 13:13
-	10	@py<2001 and flat adj emitter and field adj emission	USPAT; US-PGPUB	2002/05/01 13:55
-	0	tunneling same (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and @py<2001 and field adj emission	USPAT; US-PGPUB	2002/05/01 14:40
-	1	("5473218").PN.	USPAT; US-PGPUB	2002/05/01 14:22
-	16	5473218.URPN.	USPAT	2002/05/01 14:22
-	472	m y r and (platinum r gold r m lybd num r tantalum r iridium or ruthenium r chr mium) and @py<2001	USPAT; US-PGPUB	2002/05/01 14:39

-	1	5473218.pn. and (platinum r gold or molybdenum r tantalum r iridium or ruthenium r chromium) and @py<2001	USPAT; US-PGPUB	2002/05/01 14:39
-	0	5473218.pn. and (tungsten adj silicium adj nitrate r tantalum adj oxide r titanium adj oxide r tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride)	USPAT; US-P PUB	2002/05/01 15:27
-	4	313/309.ccls. and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and (adhesion or bond or glue) and @py<2001	USPAT; US-PGPUB	2002/05/01 15:36
-	0	257/10-11.ccls. and (tungsten adj silicon adj nitrate or tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and (adhesion or bond or glue) and @py<2001	USPAT; US-PGPUB	2002/05/01 15:37
-	3	257/9-11.ccls. and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission	USPAT; US-PGPUB	2002/05/02 10:22
-	0	257/9-11.ccls. and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission	USPAT; US-PGPUB	2002/05/02 10:20
-	0	257/25.ccls. and (platinum or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission	USPAT; US-PGPUB	2002/05/02 10:23

-	73	313/309.ccls. and (platimun r gold or m lybd num r tantalum or iridium or ruth nium r chromium) and @py<2001 and (tungst n adj silicon adj nitrate and tantalum adj xid r titanium adj oxid or tantalum aluminum adj xynitrid r tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission	USPAT; US-PGPUB	2002/05/02 10:23
-	18	313/309.ccls. and (platimun or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission and adhesion	USPAT; US-PGPUB	2002/05/02 10:26
-	0	313/309.ccls. and (platimun or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission and adhesion	USPAT; US-PGPUB	2002/05/02 10:27
-	6	313/\$.ccls. and (platimun or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission and adhesion	USPAT; US-PGPUB	2002/05/02 10:33
-	354	313/309.ccls. and (platimun or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and field adj emission	USPAT; US-PGPUB	2002/05/02 10:30
-	62	313/309.ccls. and (platimun or gold or molybdenum or tantalum or iridium or ruthenium or chromium) and @py<2001 and field adj emission and adhesion	USPAT; US-PGPUB	2002/05/02 10:30
-	0	313/309.ccls. and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj xid or aluminum adj oxynitrid) and fi ld adj missi n and adhesion	USPAT; US-PGPUB	2002/05/02 10:35

-	10	313/309.ccls. and @py<2001 and (tungst n adj silicon adj nitrat and tantalum adj xid r titanium adj oxid or tantalum adj aluminum adj oxynitrid or tantalum adj aluminum adj oxid or aluminum adj xynitride) and fi ld adj emissi n	USPAT; US-PGPUB	2002/05/02 10:50
-	0	257/9-11.ccls. and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission	USPAT; US-PGPUB	2002/05/02 11:34
-	0	257/25.ccls. and @py<2001 and (tungsten adj silicon adj nitrate and tantalum adj oxide or titanium adj oxide or tantalum adj aluminum adj oxynitride or tantalum adj aluminum adj oxide or aluminum adj oxynitride) and field adj emission	USPAT; US-PGPUB	2002/05/02 10:52
-	0	257/9-11.ccls. and @py<2001 and field adj emission and tunneling adj layer and adhesion adj layer	USPAT; US-PGPUB	2002/05/02 11:35
-	0	257/25.ccls. and @py<2001 and field adj emission and tunneling adj layer and adhesion adj layer	USPAT; US-PGPUB	2002/05/02 11:35
-	0	313/309.ccls. and @py<2001 and field adj emission and tunneling adj layer and adhesion adj layer	USPAT; US-PGPUB	2002/05/02 11:36
-	0	313/\$.ccls. and @py<2001 and field adj emission and tunneling adj layer and adhesion adj layer	USPAT; US-PGPUB	2002/05/02 11:37
-	0	313/\$.ccls. and @py<2001 and field adj emission and tunneling adj layer	USPAT; US-PGPUB	2002/05/02 11:38
-	0	257/9-11.ccls. and @py<2001 and field adj emission and tunneling adj layer	USPAT; US-PGPUB	2002/05/02 11:38